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 James R. Miller, Serhan Yengulalp, Patrick L. Sterner
 March 2005 **SAC '05: Proceedings of the 2005 ACM symposium on Applied Computing**
Publisher: ACM [Request Permissions](#)
 Full text available: Pdf (439.48 KB) [Additional Information: full citation, abstract](#)
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Highly interactive applications are increasingly being used in decision support systems. Frequently the environments in which ...

Keywords: collaborative techniques, remote application control

- 2 Flexible approach for representing object oriented databases in XML**
 Taher Nasser, Bada Alhajj, Mick Ridley
 November 2008 **IIWAS '08: Proceedings of the 10th International Conference on Applications & Services**
Publisher: ACM
 Full text available: Pdf (120.35 KB) [Additional Information: full citation, abstract](#)
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In this paper, we address the representation of object-oriented databases in XML format. The platform independent sharing of data stored in object-oriented format. The reverse engineering ...

- 3 An object-oriented approach for model integration within virtual human physiological modeling**
 Ming Gu
 October 2002 **Journal of Computing Sciences in Colleges**, Volume 18 Issue 4
Publisher: Consortium for Computing Sciences in Colleges
 Full text available: Pdf (54.29 KB) [Additional Information: full citation, abstract](#)
Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 25, Downloads (All Time): 10

This project applies object-oriented principles and hierarchical design to the development of a large simulation package. At Oak Ridge National Laboratory, a simulation platform ...

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**XfaceEd: authoring tool for embodied conversational agents**

Koray Baici

October 2005 **ICMI '05**: Proceedings of the 7th international conference on
Publisher: ACM

Full text available: Pdf (2.04 MB)

Additional Information: [full citation](#), [abstract](#)**Bibliometrics**: Downloads (6 Weeks): 5, Downloads (12 Months): 25, Downloads (All Time): 100

In this paper, XfaceEd, our open source, platform independent tool for creating embodied conversational agents (ECAs) is presented. Following MPEG-4 Facial Animation (FA) standard, generate MPEG-4 ready ...

Keywords: 3D facial animation, MPEG-4, embodied conversational agents**5 Model-based design of context-sensitive interactive applications: a design methodology**

Jan Van den Bergh, Karin Coninx

November 2004 **TAMODIA '04**: Proceedings of the 3rd annual conference on
Publisher: ACM

Full text available: Pdf (162.76 KB)

Additional Information: [full citation](#), [abstract](#)**Bibliometrics**: Downloads (6 Weeks): 16, Downloads (12 Months): 64, Downloads (All Time): 100

Model-based design of user interfaces can be a viable alternative for other design approaches. This paper presents a methodology for the design of user interfaces at several ...

Keywords: context-sensitive interactive systems, graphical notation, model-based design**6 Communications of the ACM: Volume 51 Issue 12**

December 2008 Communications of the ACM

Publisher: ACMFull text available: Digital Edition, Pdf (6.91 MB) Additional Information: [full citation](#)**Bibliometrics**: Downloads (6 Weeks): 453, Downloads (12 Months): 4375, Downloads (All Time): 100**7 Composing simulation models using interface definitions based on work**

Mathias Röhl, Stefan Morgenstern

December 2007 **WSC '07**: Proceedings of the 39th conference on Winter simulation
Publisher: IEEE Press

Full text available: Pdf (185.47 KB)

Additional Information: [full citation](#), [abstract](#)**Bibliometrics**: Downloads (6 Weeks): 7, Downloads (12 Months): 65, Downloads (All Time): 100

Using models in different contexts poses major integration challenges, requiring the independent development of each other developed model components cannot be expressed even if based on the ...

8 Composing simulations from XML-specified model components

Mathias Röhl, Adelinde M. Uhrmacher

December 2006 **WSC '06**: Proceedings of the 38th conference on Winter simulation
Publisher: Winter Simulation Conference

Full text available: Pdf (176.44 KB)

Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 35, Download

This paper is about the flexible composition of efficient simulation mode framework that can be added as an additional layer on top of simulator specifications ...

9 [A spreadsheet approach to programming and managing sensor net](#)

 Alec Woo, Siddharth Seth, Tim Olson, Jie Liu, Feng Zhao

April 2006 **IPSN '06:** Proceedings of the 5th international conference on

Publisher: ACM

Full text available:  Pdf (991.41 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 54, Download

We present a spreadsheet approach to simplifying the process of managing networks and visualizing, archiving and retrieving sensor data. An Excel demonstrate the idea. ...


Keywords: SQL server, data streams, excel, networked sensors

10 [Checkpoint and Restart for Distributed Components in XCAT3](#)

Sriram Krishnan, Dennis Gannon

November 2004 **GRID '04:** Proceedings of the 5th IEEE/ACM International '1

Publisher: IEEE Computer Society

Full text available:  Pdf (160.71 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 21, Download

With the advent of Grid computing, more and more high-end computational scientist. While this opens up new avenues for scientific research, it makes a system a non-trivial ...


Keywords: Grids, Components, Web Services, Distributed Checkpointing

11 [Interest Operators: Facilitating Attribute Interest Criteria for Formula-Virtual Environments](#)

Robert Bartlett

May 2006 **PADS '06:** Proceedings of the 20th Workshop on Principles of

Publisher: IEEE Computer Society

Full text available:  Pdf (279.76 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 15, Download


Interest Management (IM) schemes for Distributed Virtual Environment: number of participants and objects in a DVE instance by reducing the amount and/or received across a communication ...

12 [Middleware for large distributed systems and organizations](#)


George Dimitoglou, Philippe Moore, Shmuel Rotenstreich

September 2003 **ISICT '03:** Proceedings of the 1st international symposium on technologies


Publisher: Trinity College Dublin

Full text available:  Pdf (1.13 MB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 17, Downloads (3 Months): 1

Modern computational environments are complex, dynamic and highly independent or grouped objects that communicate, collaborate and perform. *Middleware++*, a unifying ...

Keywords: distributed systems, dynamic organizations, middleware**13** [Proceedings of the 18th international conference on World wide web](#) Juan Quemada, Gonzalo León, Yoelle Maarek, Wolfgang NejdlApril 2009 **WWW '09:** Proceedings of the 18th international conference**Publisher:** ACMAdditional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (3 Months): n/a



We are thrilled to have you attend this eighteenth edition of the WWW (the CERN in Geneva, Switzerland). At the time, the Web was evolving at two meetings ...

14 [Proceedings of the 2008 ACM symposium on Applied computing](#) Roger L. Wainwright, Hisham M. HaddadMarch 2008 **SAC '08:** Proceedings of the 2008 ACM symposium on Applied computing**Publisher:** ACMAdditional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (3 Months): n/a

Welcome to the 23rd Annual ACM Symposium on Applied Computing (SAC) to computer scientists, engineers, and practitioners seeking innovative ideas. This year, the conference ...

15 [Proceedings of the 9th annual conference on Genetic and evolutionary computation](#) Hod LipsonJuly 2007 **GECCO '07:** Proceedings of the 9th annual conference on Genetic and evolutionary computation**Publisher:** ACMAdditional Information: [full citation](#), [appendices and supplements](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (3 Months): n/a


These proceedings contain the papers presented at the 9th Annual Genetic and Evolutionary Computation Conference (GECCO-2007), held in London, UK, July 7-11, 2007. For the first time it provided ...

16 [An analysis of XML database solutions for the management of MPEG-7 metadata](#) Utz Westermann, Wolfgang KlasDecember 2003 **Computing Surveys (CSUR)**, Volume 35 Issue 4**Publisher:** ACM  Request PermissionsFull text available:  Pdf (448.76 KB)Additional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): 46, Downloads (12 Months): 346, Downloads (3 Months): 1

MPEG-7 constitutes a promising standard for the description of multimedia applications based on MPEG-7 media descriptions will be set up in the management of large ...

Keywords: MPEG-7, XML database systems, multimedia databases

17 [Spoken dialogue technology: enabling the conversational user interface](#)

 Michael F. McTear

March 2002 **Computing Surveys (CSUR)**, Volume 34 Issue 1

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (987.69 KB)

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Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 656, Downloads

Spoken dialogue systems allow users to interact with computer-based systems by using natural spoken language. The origins of spoken dialogue Intelligence research in the ...


Keywords: Dialogue management, human computer interaction, language speech recognition, speech synthesis

18 [An XML query engine for network-bound data](#)

[Zachary G. Ives](#), [A. Y. Halevy](#), [D. S. Weld](#)

December 2002 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 11 Issue 4

Publisher: Springer-Verlag New York, Inc.

Full text available:  Pdf (351.86 KB)


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Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 132, Downloads

XML has become the lingua franca for data exchange and integration across systems. Nearly all data providers are adding XML import or export capabilities, and XML is promoted for all types of data ...


Keywords: Data integration, Data streams, Query processing, Web applications

19 [Transparent adaptation of single-user applications for multi-user real-time environments](#)

 [Chengzheng Sun](#), [Steven Xia](#), [David Chen](#), [Haifeng Shen](#), [Wentao Chen](#)

December 2006 **Transactions on Computer-Human Interaction (TOCHI)**, Volume 19 Issue 4

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (3.12 MB)

[Additional Information: full citation, abstract](#)

Bibliometrics: Downloads (6 Weeks): 50, Downloads (12 Months): 299, Downloads

Single-user interactive computer applications are pervasive in our daily life. Adapting single-user applications to multi-user collaboration has the potential to improve the usability of these applications ...


Keywords: Application sharing, CoPowerPoint, CoWord, computer-supported collaborative work, transformation, transparent adaptation



User interfaces for privacy agents

Lorrie Faith Cranor, Praveen Guduru, Manjula Arjula

June 2006

Transactions on Computer-Human Interaction (TOCHI)**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (1.82 MB)[Additional Information: full citation, abs](#)**Bibliometrics:** Downloads (6 Weeks): 57, Downloads (12 Months): 406, Downl

Most people do not often read privacy policies because they tend to be l for Privacy Preferences (P3P) addresses this problem by providing a sta privacy policies. P3P ...

Keywords: P3P, preferences, privacy, privacy enhancing technology, p

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